Amendments to the Specification

Please replace "Field of the invention" paragraph with the following amended paragraph:

The present invention relates to a duel functional pedal-operated exercise bicycle especially related to a backward-tread pedal-operated bicycle having a cranks means rotated in backward direction reversed to a conventional bicycle, in which a reaction force of a backward treading will push the rider tilted forwardly in a running manner with her (her) gravity center to a front portion of the bicycle so as to increase the stability in a rapid changing of riding direction with less centrifugal force, and having a rear wheel lifting stand ~~attachablly~~ attachable for an indoor exercising.

Please replace "Background of the invention" paragraphs with the following amended paragraphs:

Various pedal-operated vehicles have been patented over the years, most of them are mainly related to the tri-wheel vehicles only few of them are related to the exercise bicycles. However such bicycles have all had one or more drawbacks, for example: US. Pat. No. 1,977,035 of W.R. Benjamin discloses mainly a pedal-operated tri-wheel vehicle as shown from Fig. 1 to Fig. 8 in the patented document, but Fig. 9 and 10 discloses an additional embodiment of a pedal-operated bicycle having a chain wheel 69 mounted on a crank axis 59 directly rotated by the cranks in a forward pivot there will be a drawback that the tread force should be started at an instant when a crank roller 60 is rotated forwardly just passing over a top dead point of the rotating cycle. As shown in Fig. 1, a tread force F initiated at an instant while a crank roller just passing over a top dead point T, the direction of tread force F is forwardly tilted down , therefore a reacting force R in a reversed direction will naturally to push the gravity center of the rider tend to a backward position far from the front wheel, in which a larger centrifugal force will be occurred during a rapid change of riding direction in a high speed running, which may caused an accidental toppled over of the vehicle. In compare with Fig. 2, it shows an embodiment of the

present invention which characteristically having a pair of transmitting gears 52 and 54 for providing a backward rotation of the crank means 30 for to change the direction of the tread force F into a tilted down backwardly, therefore a reacting force R' of the reversed direction then will push the rider forwardly with ~~her~~ his (her) gravity center in a front position ~~chose~~ close to the front wheel for high safety ~~there~~.

In referencing another item of prior art ~~of~~ U.S. Pat. No. 6,179,918 of Byron C. Coleman[[,]]. ~~the prior art~~ Coleman discloses a pedal-operated vehicle as shown in Fig. 2 of the document compressing a pair of pedal boards connected respectively to drive system consisting of a rope-pulled chain system 58 and 64 ~~to instead the using of a crank and transmition gears~~ however there are drawbacks to this system, ~~that~~ firstly the operating mechanism is too complex, secondary a wide lateral space is needed, and further it is too heavy to operate. ~~with~~ Having a complex mechanism and such a thick rear wheel as shown, ~~and~~ will ~~coast too much for an exercise bicycle.~~ result in a undesirable high costing exercise bicycle.

Further more, with regards to all the prior arts referenced above ~~can not be used for an~~ there is no opportunity to use them as indoor exercise equipment.

It is, therefore, a main ~~abject~~ object of the present invention ~~is~~ to provide a pedal-operated exercise bicycle which characteristically ~~in using~~ uses a backward tread force for high safety.

Another main object is to provide a pedal-operated exercise bicycle, which can be used for ~~an~~ indoor exercise as well as ~~an outoor~~ outdoor exercise.

Still another object is to provide a pedal-operated exercise bicycle, which is light weight and low ~~coast~~ cost.

Please replace "Detailed description to the drawings" paragraph referring to Fig. 5 with the following amended paragraphs:

Referring to Fig. 5, which showed a rear wheel lifting stand 60 to support the rear wheel 14 fixedly thereon for an indoor exercise comprising:

a base rack including a main lateral member 62 and two longitudinal members 64 disposed at two opposite ends of the lateral member 62 respectively, and a center member 66 extended backwardly from a center portion of the lateral member 62;

two rectangular columns 68 ~~standed~~ vertically extending from two opposite ~~side~~ sides of the lateral member 62 for holding two extended ends of the rear wheel shaft 16 which is positioned on a top of a right side column 68, a sleeve tube 72 with a half-cut mouth 74 is disposed thereon for receiving the right side end of the rear wheel shaft 16 and pushed ~~thereinto~~ thereto, while on a top of a left side column 68 having sleeve tube 76 with a push lever 78 be able to push the sleeve tube 76 sliding to sleeve the left end of the rear wheel shaft 16 therein;

Please replace "Introduction of drawings" paragraphs with the following amended paragraphs:

Fig. 1 shows a prior art, ~~which~~ a crank means ~~is~~ rotated forwardly to drive a chain system directly.

Fig. 7 is an embodiment, which has a group of reduction chain wheels mounted at a rear portion of the chain system.